# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | "10549637" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 17:20 |
| S2 | 2523 | 369/275.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:54 |
| S3 | 1105 | S2 and land | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 13:39 |
| S4 | 913 | S3 and pit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 13:39 |
| S5 | 423 | S4 and wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 13:43 |
| S6 | 48 | S5 and pregroove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 13:44 |
| S7 | 188 | S2 and (pit adj area) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 14:44 |
| S8 | 5 | (pregroove near land near area) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 14:50 |
| S9 | 38 | wobble adj peak | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 14:52 |

| S10 | 56 | peak adj wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 14:56 |
| S11 | 2 | 99/13463 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:18 |
| S12 | 466984 | Den Enden Gijsbert Joeseph Van | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:19 |
| S13 | 814875 | Den Enden Gijsbert Joseph Van | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:19 |
| S14 | 2 | WO and 99/13463 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:33 |
| S15 | 1 | "0937297" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:34 |
| S16 | 19 | "937297" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:35 |
| S18 | 4 | EP and "937297" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 15:36 |
| S19 | 4096593 | cd dvd disc disk media medium | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 16:05 |
| S20 | 16492 | S19 and wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 16:06 |

| S21 | 4214 | S20 and pit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 16:07 |
| S22 | 2622 | S21 and land | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 16:07 |
| S23 | 837 | S22 and peak | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 16:19 |
| S24 | 32065 | zero adj crossing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:12 |
| S25 | 2027213 | S24 and disc disk cd dvd | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:13 |
| S26 | 7260 | S24 and (disc disk cd dvd) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:13 |
| S27 | 76773 | S26 an wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:13 |
| S28 | 399 | S26 and wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:14 |
| S29 | 2227 | pregroove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:16 |
| S30 | 1239 | S29 and pit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:16 |

| S31 | 621 | S30 and land | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 09:16 |
|-----|-----|--------------|-------------------------------------------|----|----|-----------------|
| S32 | 366 | S31 and (max maximum peak) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 11:11 |
| S33 | 2228 | pregroove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 09:32 |
| S34 | 55 | S33 adj land | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 09:33 |
| S35 | 2029001 | cd dvd disc disk blu-ray | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 09:44 |
| S36 | 8512 | S35 and (pit and land) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 09:45 |
| S37 | 613 | S36 and pregroove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 09:45 |
| S38 | 298 | (US-20020031064-$ or US-20030090977-$ or US-20030123343-$ or US-20030128640-$ or US-20030133400-$ or US-20030174603-$ or US-20040213119-$ or US-20060114765-$ or US-20060187807-$ or US-20060203701-$ or US-20060203702-$ or US-20060262684-$ or US-20030090825-$ or US-20070008840-$ or US-20080002535-$ or US-20030007440-$ or US-20060181983-$ or US-20060187792-$ or | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:00 |

US-20060215533-$ or
US-20070041281-$ or
US-20070053267-$ or
US-20060018229-$ or
US-20040170091-$ or
US-20040233812-$ or
US-20030165095-$ or
US-20050174916-$).
did. or (US-
20070097826-$ or US-
20070104083-$ or US-
20020144123-$ or US-
20060218645-$ or US-
20040184380-$ or US-
20050141403-$ or US-
20050195511-$ or US-
20030086357-$ or US-
20040160880-$ or US-
20040196754-$ or US-
20050141399-$ or US-
20030156515-$ or US-
20030165094-$ or US-
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20020126608-$ or US-
20040141435-$ or US-
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20050232104-$ or US-
20030103429-$ or US-
20030165102-$ or US-
20020105882-$ or US-
20030095482-$ or US-
20030198155-$ or US-
20050094514-$ or US-
20050226114-$ or US-
20050254373-$).did.
or (US-20060002249-$
or US-20020041550-$
or US-20040062169-$
or US-20050254409-$
or US-20020048251-$
or US-20030021202-$
or US-20040166441-$
or US-20050083740-$
or US-20050083767-$
or US-20050088885-$
or US-20050207262-$
or US-20060077821-$
or US-20060233078-$
or US-20060286338-$
or US-20070020562-$
or US-20070115765-$
or US-20030227850-$
or US-20060256689-$
or US-20020048238-$
or US-20060256705-$

or US-20020012190-$
or US-20050105206-$
or US-20020060978-$
or US-20030021217-$
or US-20030048725-$
or US-20050018564-$
or US-20050018567-$).
did. or (US-
20050018764-$ or US-
20050018800-$ or US-
20050078576-$ or US-
20050169136-$ or US-
20060209648-$ or US-
20030214900-$ or US-
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20040233818-$ or US-
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20020012300-$ or US-
20020089907-$ or US-
20020186637-$ or US-
20040095857-$ or US-
20040160869-$ or US-
20040160891-$ or US-
20050122865-$ or US-
20060072413-$ or US-
20060072440-$).did.
or (US-5757756-$ or
US-5724327-$ or US-
5737286-$ or US-
5930210-$ or US-
6151281-$ or US-
6208602-$ or US-
6226244-$ or US-
6538982-$ or US-
6765861-$ or US-
7068574-$ or US-
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6031815-$ or US-
6353890-$ or US-
6091681-$ or US-
5675568-$ or US-
5696752-$ or US-
7274627-$ or US-
5835478-$ or US-
5835461-$ or US-
5878024-$ or US-
5886985-$ or US-

6266318-$ or US-
6377525-$ or US-
6545959-$ or US-
6819640-$ or US-
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5926453-$ or US-
5936921-$ or US-
6292458-$ or US-
6473377-$ or US-
7076660-$ or US-
4866688-$ or US-
6363041-$ or US-
6061313-$ or US-
7257059-$ or US-
6125089-$ or US-
5657309-$ or US-
5703854-$ or US-
7333408-$ or US-
5519679-$ or US-
5914920-$ or US-
5663941-$ or US-
5717679-$ or US-
5835466-$ or US-
6359847-$ or US-
6418105-$ or US-
6519214-$ or US-
6707780-$ or US-
6987719-$ or US-
6990056-$ or US-
7000113-$ or US-
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5311491-$).did. or (US-
5550799-$ or US-
6584051-$ or US-
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5689482-$ or US-
4478768-$ or US-
5978351-$ or US-

5978333-$ or US-
6147945-$ or US-
6992962-$).did. or (US-
7065025-$ or US-
7327647-$ or US-
5309424-$ or US-
5339301-$ or US-
4949332-$ or US-
5023856-$ or US-
5025435-$ or US-
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5754522-$ or US-
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5646919-$).did. or (US-
4498159-$ or US-
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4868802-$ or US-
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5394383-$ or US-
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5559780-$ or US-
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7277371-$ or US-
7313062-$ or US-
7339863-$ or US-
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5825733-$ or US-
5835462-$ or US-

| | | 6115340-$).did. or (US-6469968-$ or US-6269071-$ or US-6295270-$ or US-7113467-$ or US-5943313-$ or US-6853513-$ or US-7149170-$ or US-7310296-$ or US-5511061-$ or US-5843626-$ or US-4397010-$ or US-6826142-$ or US-6856589-$ or US-7072283-$ or US-7184391-$ or US-7196998-$ or US-7266074-$ or US-5251198-$ or US-7099244-$ or US-7167437-$ or US-7349304-$ or US-4509154-$ or US-4519056-$ or US-4875202-$ or US-5195083-$ or US-5684772-$ or US-5742573-$).did. or (US-5274623-$ or US-6975577-$ or US-7241555-$ or US-5206847-$ or US-6108295-$ or US-6115352-$ or US-6310851-$ or US-6385257-$ or US-6643233-$ or US-4243850-$ or US-4515843-$ or US-4918679-$ or US-5537373-$ or US-5615185-$ or US-5715232-$ or US-6667949-$ or US-6697309-$ or US-6714508-$ or US-6754148-$ or US-6873582-$ or US-6904011-$ or US-5561655-$ or US-5859830-$ or US-5896351-$ or US-4516242-$ or US-4631712-$ or US-4802160-$).did. or (US-4855983-$ or US- | | | | |

| | | 5287338-$ or US-5289450-$).did. | | | | |
|---|---|---|---|---|---|---|
| S39 | 215 | S38 and pregroove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 10:01 |
| S40 | 168 | S39 and (pit land) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 10:01 |
| S41 | 4339 | pit and wobble | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 10:21 |
| S42 | 167 | (pit and wobble) same peak | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 10:31 |
| S43 | 2525 | 369/275.4.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 14:12 |
| S44 | 1549 | S43 and pit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 14:18 |
| S45 | 27 | "4366564" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 15:15 |
| S46 | 979 | S44 and (wobble or modulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 17:00 |
| S47 | 198 | spruit.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/29 09:00 |
| S48 | 10 | spruit.in. and (wobble adj pit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/29 09:00 |

| S49 | 9 | spruit.in. and (pit same peak) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/29 09:09 |
|-----|---|-----|-----|-----|-----|-----|
| S50 | 73 | spruit.in. and (pit wobble peak) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/29 09:10 |
| S52 | 8 | "6714508" | USPAT | OR | ON | 2008/05/29 09:52 |
| S53 | 12 | ("6069870" \| "6208614" \| "6266318" \| "6269071" \| "6295270").PN. OR ("6714508").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 09:53 |
| S54 | 12 | (("6069870" \| "6208614" \| "6266318" \| "6269071" \| "6295270").PN. OR ("6714508").URPN.) and (pit wobble land) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 09:54 |
| S55 | 362620 | pregroove modulation | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 11:12 |
| S56 | 12 | pregroove adj modulation | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 11:12 |
| S57 | 5 | ("5835461").PN. OR ("6167012").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 11:15 |
| S59 | 7 | ("5270998" \| "6075761").PN. OR ("6295270").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/29 11:20 |
| S60 | 2 | "7068574" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/02 08:32 |
| S61 | 7 | ("5737286" \| "5930210" \| "5999504" \| "6069870" \| "6295270" \| "6345018" \| "6549495").PN. OR ("7068574").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 08:32 |
| S63 | 10 | "5930210" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 08:35 |
| S64 | 1242015 | pit groove pregroove | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:06 |
| S65 | 201827 | S64 and cd dvd | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:06 |

| S66 | 12259 | S65 and (majority) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:10 |
| S67 | 272 | S66 and wobble | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:11 |
| S68 | 7 | ("5737286" \| "5930210" \| "5999504" \| "6069870" \| "6295270" \| "6345018" \| "6549495").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/02 09:22 |
| S71 | 104 | Oostveen.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 11:39 |
| S72 | 3 | "20020031064" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 11:39 |
| S73 | 61 | 369/13.54.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |
| S74 | 77 | 369/13.55.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |
| S76 | 155 | 369/30.03.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |
| S77 | 596 | 369/44.13.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |
| S78 | 211 | 369/47.19.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |
| S79 | 2219 | 369/275.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:25 |

| S80 | 2218 | 369/275.3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/03 14:26 |
|------|------|------------------|--------------------------------------|-----|-----|-------------------|

6/3/2008 2:46:41 PM
C:\Documents and Settings\asasinowski\My Documents\EAST\Workspaces
\10549637_Multilayer optical disk having wobble pits.wsp